

## Assignment -1

|                     |                 |
|---------------------|-----------------|
| Assignment Date     | 1 November 2022 |
| Student Name        | Kavyabala SB    |
| Student Roll Number | 711719104041    |
| Maximum Marks       | 2 Marks         |

### Question-1:

1. Create registration page in html with username, email and phone number and by using POST method display it in the next html page.

Solution:

#### index.html

```
<html>

<head>
<link rel="stylesheet" type="text/css" href="style.css">
<title> Welcome to the login page </title>
</head>
<body>
<form action="http://localhost:5000/login" method="POST">
<h1> <center>LOGIN FORM </center></h1>
<div class=login>
<p> Enter name :
<input type="text" name="nm"/></p>
<p> Enter mail id:
<input type="email" name="mail"/></p>
<p> Enter phone number:
<input type="number" name="num"/></p>
<p> <input type="submit" value="submit"></p>
</form>
</div>
</body>
</html>
```

#### style.css

```
body
{
margin: 0;
padding: 0;
background-color:#969899ba;
font-family: 'Arial';
}

.login{
```

```

width: 382px;
overflow: hidden;
margin: auto;
margin: 40 0 10 370px;
padding: 80px;
background: #f8f4f4;
border-radius: 15px ;
}

```

## App.py

```

from flask import Flask,redirect,url_for,request

app=Flask(__name__)

@app.route('/success/<string:name>/<string:ml>/<string:pnm>')

def success(name,ml,pnm):

return "Welcome " + name + " !! <br><br> Your mail id is "+ml+" .<br><br> Your phone
number is "+pnm

@app.route('/login',methods=['POST'])

def login():

if request.method=='POST':

user=request.form['nm']

mailid=request.form['mail']

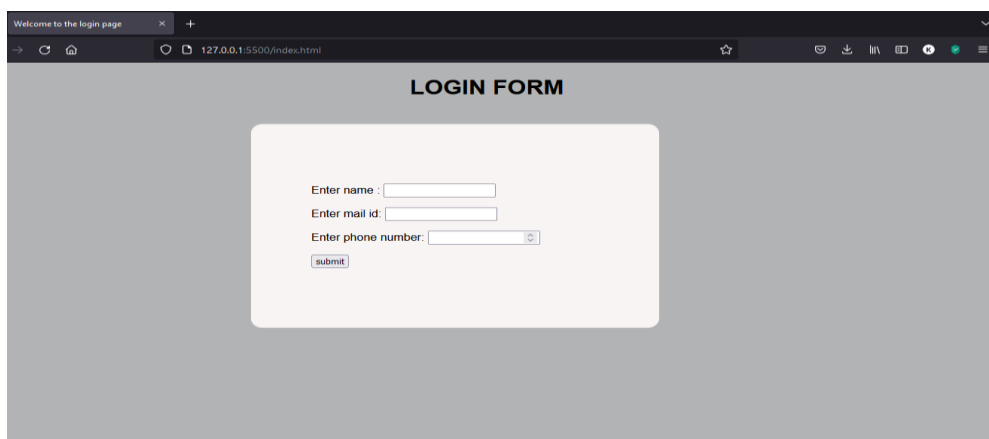
phnum=request.form['num']

return redirect(url_for('success',name=user,ml=mailid,pnm=phnum))

if __name__=='__main__':

app.run(debug=True)

```





Activate Windows  
Go to Settings to activate Windows.

## Question-2:

Develop a flask program which should contain at least 5 packages used from pypi.org  
Solution

base.html:

```
<!DOCTYPEhtml>
<html>
<head>
<title>PageTitle</title>
{%blockhead%}{% endblock%}
<linkhref="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/css/bootstrap.
min.css"
rel="stylesheet" integrity="sha384-
iYQeCzEYFbKjA/T2uDLTpkwGzCiq6soy8tYal1GyVh/UjpbCx/TYkiZhlZB6+fzT"cro
ssorigin="anonymous">
<scriptsrc="https://cdn.jsdelivr.net/npm/bootstrap@5.2.1/dist/js/bootstrap.b
undle.min.js"
integrity="sha384-
u1OknCvxWvY5kfmNBILK2hRnQC3Pr17a+RTT6rIH7NnikvbZlHgTPOOmMi4
66C8"crossorigin="anonymous">
</script>
</head>
<body>

<a href="/">HOME</a>
<a href="/Blog">BLOG</a>
<a href="/Signin">SIGNIN</a>
```

```
<a href="/Signup">SIGNUP</a>
```

```
<hr><br>
```

```
<div class="container">
```

```
{% block body %}{% endblock %}
```

```
</div>
```

```
</body>
```

```
</html>
```

blog.html:

```
{% extends 'base.html' %}
```

```
{% block head %}
```

```
<title>BlogPage</title>
```

```
{% endblock %}
```

```
{% block body %}
```

```
<h1>This is Samle Blog</h1>
```

```
<h2><p>Hello, from Mr.X</p></h2>
```

```
{% endblock %}
```

index.html:

```
{% extends 'base.html' %}
```

```
{% block head %}
```

```
<title>HomePage</title>
```

```
{% endblock %}
```

```
{% block body %}
```

```
<h1>Hello everyone,</h1>
```

```
<div class="p-5 mb-4 bg-light rounded-3">
```

```
<div class="container-fluid py-5">
```

```
<h1 class="display-5 fw-bold">WIFITECHNOLOGY</h1>
```

```
<p class="col-md-8 fs-4">Kubernetes (also known as k8s or “kube”) is an open source container orchestration platform that automates many of the manual processes involved in deploying, managing, and scaling containerized applications. </p>
```

```
</div>
```

```
</div>
```

```
{% endblock %}
```

signup.html:

```
{% extends 'base.html' %}
```

```
{% block head %}
```

```
<title>SignupPage</title>
```

```
{% endblock %}
```

```
{% block body %}
```

```
<h1>SignupPage</h1>
```

```
<form action="/Signup" method="POST">
```

```
<label>Name</label><br>
```

```
<input type="text" name="name"><br><br>
```

```
<label>Email</label><br>
```

```
<input type="email" name="email"><br><br>
```

```
<label>Phone</label><br>
```

```

<inputtype="text"name="phone"><br><br>
<label>Password</label><br>
<inputtype="password"name="name"><br><br>
<label>RetypePassword</label><br>
<inputtype="password"name="name"><br><br><br>
<inputtype="submit"class="btnbtn-primary">
</form>
{%endblock%}

```

signin.html:

```

{%extends'base.html'%}
{%blockhead%}
<title>SigninPage</title>
{%endblock%}
{%blockbody%}
<h1>SigninPage</h1>
<formaction="/Signin"method="POST">
<label>Email</label><br>

```

```

<inputtype="email"name="email"><br><br>
<label>password</label><br>
<inputtype="password"name="name"><br><br>
<inputtype="submit"class="btnbtn-primary">
</form>
{%endblock%}

```

app.py:

```

fromflaskimportFlask,render_te
mplateapp=Flask(name)
@app.route('/',methods=["GET","
POST"])defIndex():
returnrender_template('index.html')@app.ro
ute('/Blog')
defBlog():
returnrender_template('blog.html')@app.rou
te('/Signup')
defSignup():
returnrender_template('signup.html')@app.route('
/Signin')
defSignin():
returnrender_template('signi
n.html')
ifname=='main':
app.debug=Trueap.run

```